Epping 29608
NH Route 125, Capacity Improvement Project

BETA
ENGINEERING SUCCESS TOGETHER

Public Officials Meeting
September 28, 2020

New Hampshire DOT
Department of Transportation

Agenda

- Project Background and Location
- Project Needs and Objectives
- Project Development Process/Schedule
- Environmental Study
- Project Status
- Public Outreach Efforts
- Project Cost
- Questions and Comments

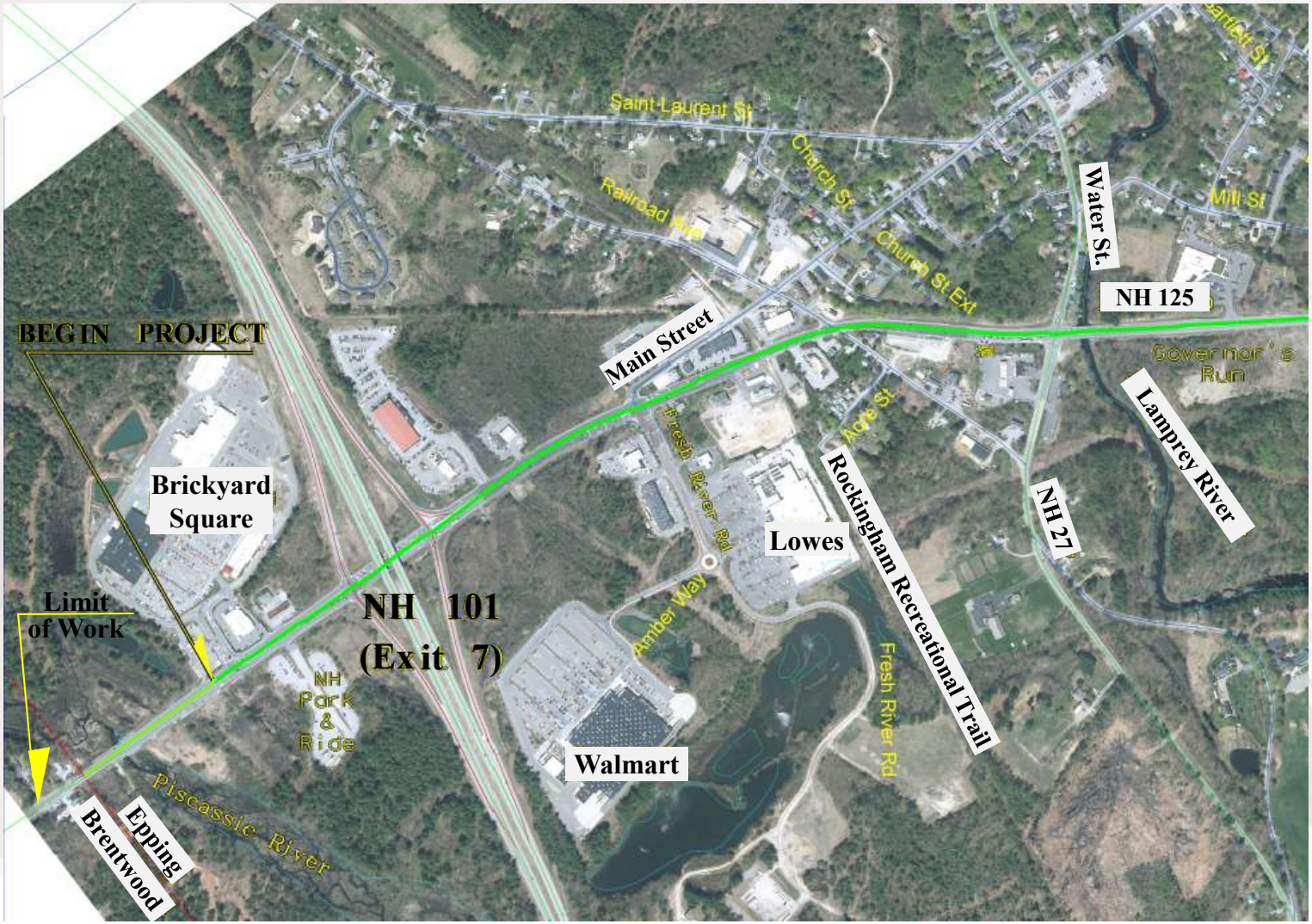
Project Background

- Approximately 2.9-miles of NH Route 125
  - Numerous intersections (signalized & unsignalized)
  - Southern section; 5 lane section
  - Northern section; 2 and 3 lane section
- Traffic Volumes (2019)
  - 20,300 vehicles per day (south of Route NH 87)
  - 13,700 vehicles per day (Epping/Brentwood Town Line)
  - 10.9% trucks

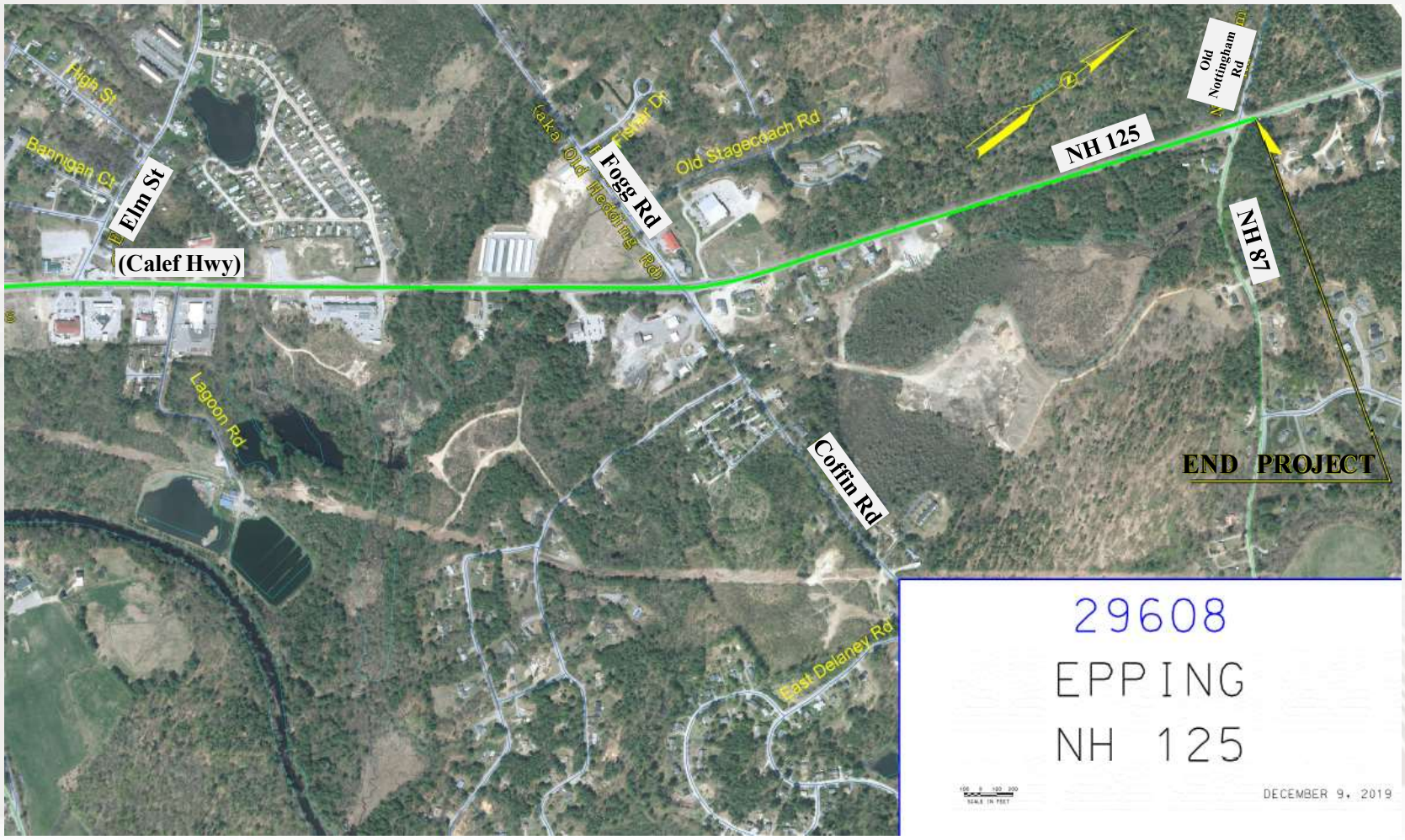
Project Background (Continued)

- Key link in the area's transportation network
- Utilized by commuters to access NH Route 101
- Serves major commercial development
- Congestion and delays greatly impede traffic operations

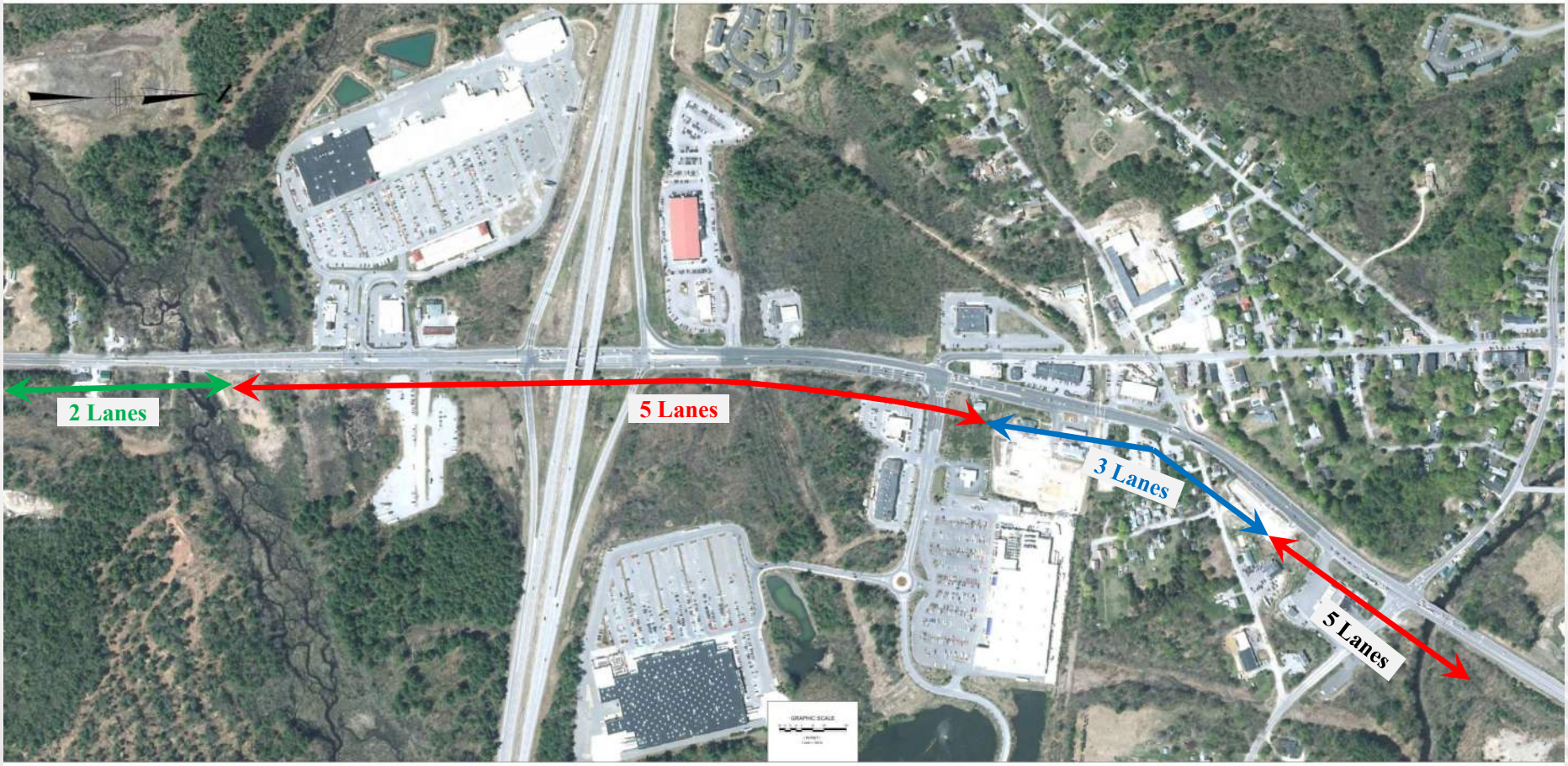
Project Location (Southern Section)



Project Location (Northern Section)

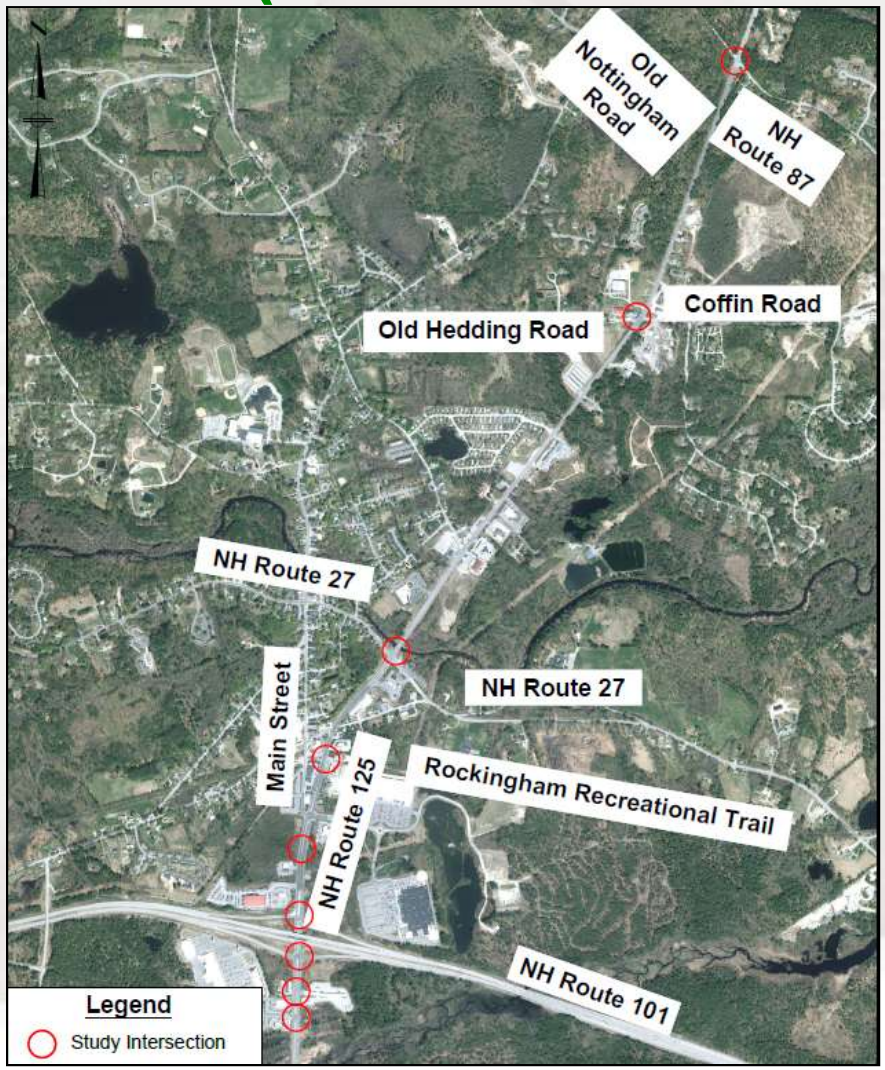


Lane Configuration (Southern Section)



Project Location (Northern Section)

Project Location
(Intersections with NH Route 125)



1. At Brickyard Square Driveway
2. At the Mobil Driveway and the Park and Ride
3. At NH Route 101astbound Ramps
4. At NH Route 101 Westbound Ramps
5. At McDonald's Driveway
6. At Main St and Fresh River Rd
7. At Rockingham Recreational Trail
8. At NH Route 27
9. At Fogg Rd and Coffin Rd
10. At Old Nottingham Road and NH Route 87

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New Hampshire DOT Department of Transportation

Project Needs and Objectives

- Capacity improvements
  - Additional lanes at intersection; through and/or turning
  - Roadway widening; additional lanes and/or shoulder improvements
- Operational improvements
  - Signal timing upgrade
  - Signal coordination

Project Needs and Objectives (Continued)

- Complete streets and context sensitive solutions; balance the needs of all users (motorized and non-motorized)
  - Pedestrian facilities (sidewalk/path)
  - Bike lanes/shoulders
- Access management
  - Driveway re-alignment and/or consolidation of driveways

Project Development Process / Schedule

Preliminary Design	• Project Scoping / Data Collection / Coordination
	• Preliminary Engineering Studies / Environmental Evaluation / Public Outreach
	• Identification of Preferred Alternative / Draft Environmental Documentation
	• Formal Public Hearing Process
	• Final Environmental Documentation
Final Design	• Final Design / Right-of-Way Acquisition / Permitting
	• Project Advertisement for Construction Bids
Construction	• Project Construction

Environmental Study – Process

- Agency and public consultation
  - Regulatory agencies
  - Town and Regional planning
  - Public input (meetings and website)
- Inventory of resources & socio-economic conditions
- Determination of impacts
- Environmental Study published
- Public review & comment period on the Study
- Public Hearing

Environmental Study - Resources

- Wetlands and Waters
- Water Quality
- Groundwater
- Floodplains
- Wildlife and Rare Species
- Conservation Lands
- Historic Structures
- Archaeological Resources
- Contaminated Sites
- Noise
- Air Quality
- Land Use, Zoning, Public Policy
- Visual Resources
- Socio-Economic Resources

Historic Resources

- Project may affect resources on or eligible for the National Register of Historic Places
- Opportunity for individuals and organizations to become Consulting Parties
- Let us know after meeting if you wish to become a Consulting Party

Project Status

- Traffic counts
  - Counts taken November 2019
  - Projected future counts developed
  - Traffic Report completed
- Alternatives investigation
  - Identification of areas of concern
  - Development of design alternatives
  - Determination of impacts

Project Status (Continued)

- Public outreach and participation
  - Public Advisory Committee (PAC) meeting held on July 30, 2020
  - Public Input/Public Officials meetings
- Environment assessment & documentation
  - Identification of resources
  - Determination of impacts

Project Outreach Efforts

- Public Officials meetings
- Public Informational meetings
- Public Advisory Committee (PAC) meetings
- Project website
- Consultation with stakeholders
- Agency meetings
- Comment period on the Environmental Study
- Public Hearing

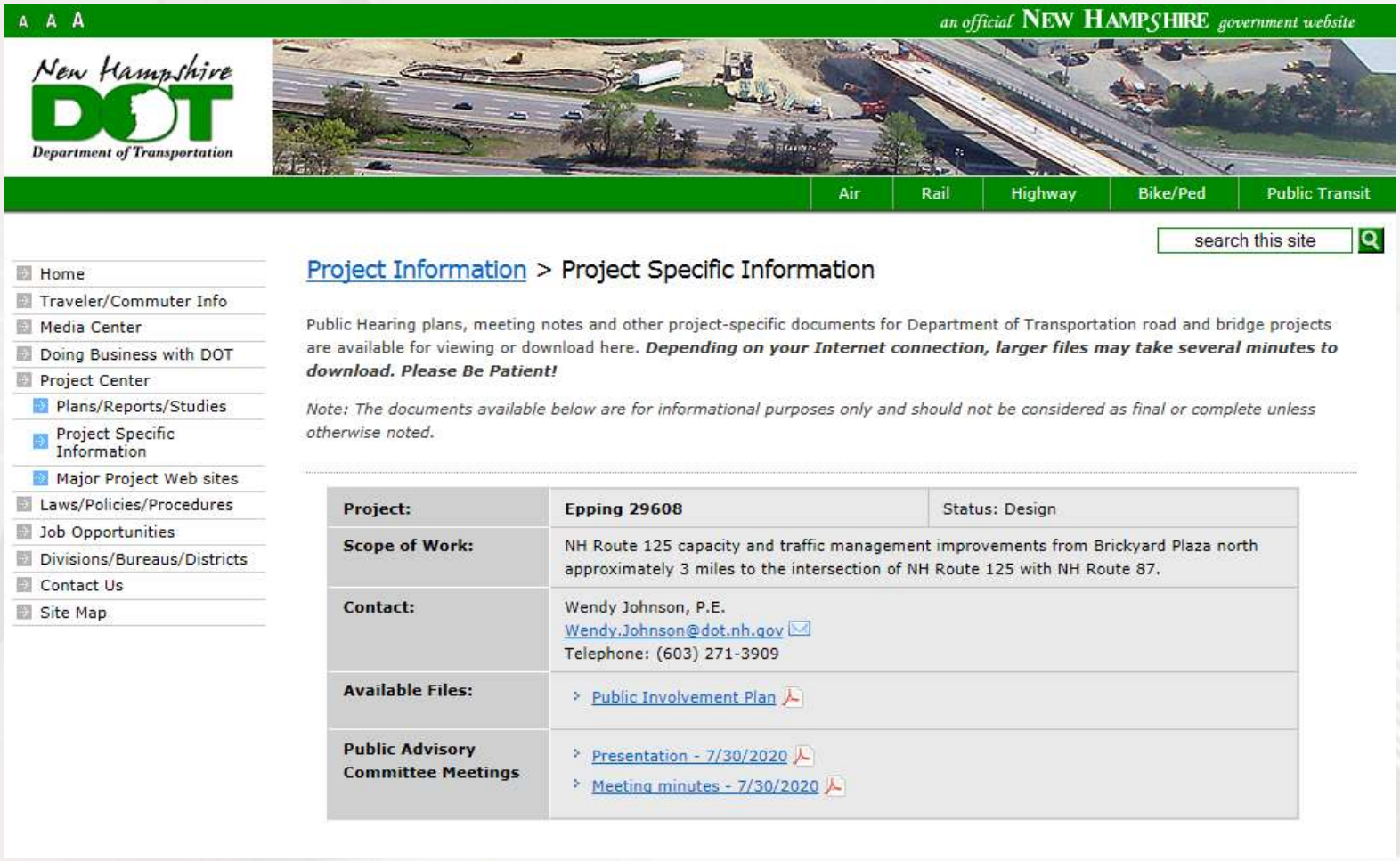
Initial Concerns Identified

- Presence of “bottlenecks” north of NH Route 27 and north of Fresh River Road.
- Traffic volume is heavy on Friday afternoons (northbound) and Sunday nights (southbound) from recreational traffic.
- Difficulty exiting left from Lagoon Road during peak traffic.
- Lack of pedestrian crossing of NH Route 125 at Water Street (NH Route 27).

Input Needed - Other Design Elements

- Need for additional pedestrian facilities?
- Need for additional accommodations?
- Aesthetic treatments and/or enhancements desired along the corridor

Project Website



https://www.nh.gov/dot/projects/epping29608/index.htm

Project Costs

Engineering	$2.9M
Right of Way	$0.6M
Construction	$8.4M
Total	**$11.9M**

Thank You!

Please Visit

https://www.nh.gov/dot/projects/epping29608/index.htm

For project updates

Roundabout vs. Intersections

- Reduction in high speed (severe) crashes
- Lower vehicle speeds
- Constant traffic flow
- Decreased maintenance costs
- Less emissions
- Landscape/gateway opportunities